TEST REPORT N°: ABUV-ESH-P21112749B-2-A3

Supplement "A3" to test report No.: ABUV-ESH-P21112749B-2-A2 dated on 2022-09-14

EMC TEST REPORT

To :	Qingdao Haier Air Conditioner General Corp. Ltd	Fax :	--
Attn :	--	Email :	--
Address :	No.1 Haier Road, Hi-Tech Zone, Qingdao 266101, P.R. China		
Cc :	--	Fax/Email :	--
Attn :	--		
This document includes : 4 pages		Test date :	--

FACTORY NAME :	Qingdao Haier Air Conditioner Electric Co., Ltd.
ADDRESS :	Haier industrial Park, No.236, Qianwangang Road, Qingdao Eco-tech Development Zone, Qingdao 266555, China.
PRODUCT :	Split type room air conditioner
TRADE MARK :	Haier, HEC, Tronic, OLEFINI
TYPE REFERENCE :	Refer to the Clause 3.1
RATED VOLTAGE :	AC 220-240V, 50Hz
RATED INPUT POWER:	Refer to the Clause 3.1
PROTECTION CLASS :	I
TESTS REALISED :	--

STANDARDS USED(DATE) :	EN 301 489-1 V2.2.3(2019-11) EN 301 489-17 V3.2.4 (2020-09)
CLAUSES EXAMINED :	All Clauses Relevant.

All the tests done in this report are subcontracted to Qingdao Profound Testing Technology Service Co.,Ltd

CONCLUSION : **The sample does satisfy the clauses examined .**

Test done by,	**Approved by,**
Name : Tony MAO Title : Project Engineer Date : Apr. 03, 2023	Name : Daniel SUN Title : Product Line Manager Date : Apr. 03, 2023

1 TESTING PROGRAM

The tests have been carried out according to the requirements of the following standards :

Emission standard EN 301 489-17 V3.2.4 (2020-09)

- Measurement of the conducted emission levels.
- Measurement of the radiated emission levels.
- Measurement of the harmonic currents.
- Measurement of the voltage fluctuations and flickers.

Immunity standard EN 301 489-17 V3.2.4 (2020-09)

- Immunity to electrostatic discharges - publication IEC 61000-4-2.
- Immunity to fast transients/bursts - publication IEC 61000-4-4.
- Immunity to conducted disturbances induced by radio-frequency fields - publication IEC 61000-4-6.
- Immunity to radiated radio-frequency electromagnetic field with amplitude modulation - publication IEC 61000-4-3.
- Immunity to surges - publication IEC 61000-4-5.
- Immunity to voltage dips -publication IEC 61000-4-11.
- Immunity to voltage interruptions - publication IEC 61000-4-11.
- Immunity to transients and surges- publication ISO 7637-2

Special comments: Refer to the Clause 3.1

2 HISTORY OF FAILURE

None.

3 EQUIPMENT CHARACTERISTICS

3.1 Model list

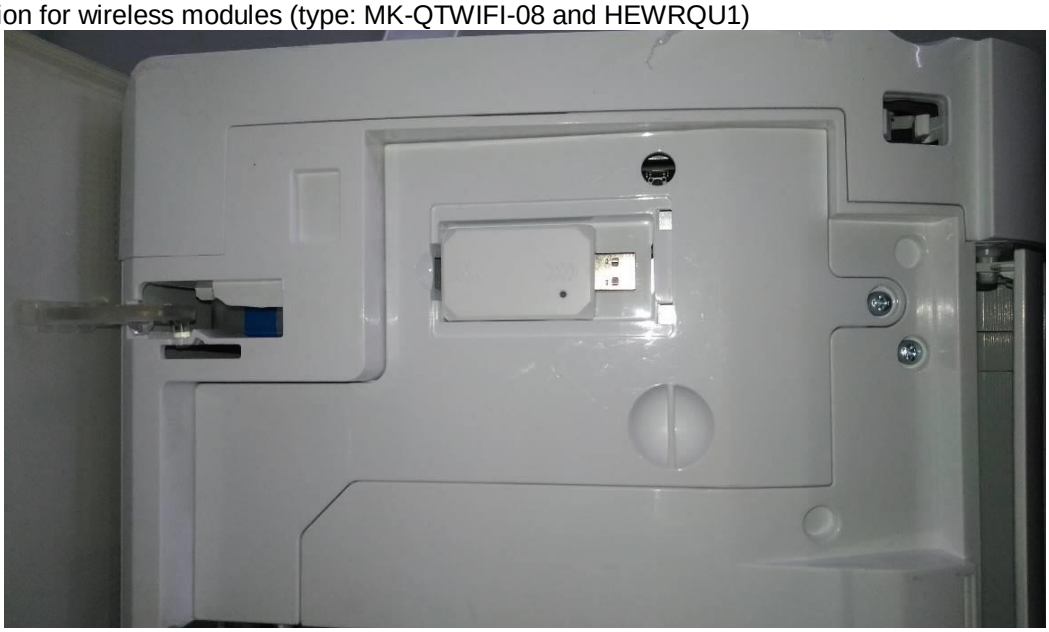
220-240V~, 50Hz, Class I, Max work pressure: 4,3MPa, outdoor unit: IPX4, T1				
Model No.	Rated power input	Rated current input	Refrigerant	Trade Mark
AS18TBRHRA (indoor unit) with 1U18MRAFRA (outdoor unit)	1,75kW	7,5A	R32/ 0,68kg	Haier
HEC50T0-IN (indoor unit) with HEC50T0-OU (outdoor unit)	1,75kW	7,5A	R32/ 0,68kg	HEC
HSU-18T0R32(DB)-IN (indoor unit) with HSU-18T0R32(DB)-OUT (outdoor unit)	1,75kW	7,5A	R32/ 0,68kg	N/A
TRK18INVDMEI(indoor unit) with TRK18INVDMEO (outdoor unit)	1,75kW	7,5A	R32/ 0,68kg	Tronic
OLE-18DIH(indoor unit) with OLE-18DIH (outdoor unit)	1,75kW	-	R32/ 0,68kg	OLEFINI
AS18PCBHRA (indoor unit) with 1U18MERFRA (outdoor unit)	1,90kW	8,6A	R32/ 0,78kg	Haier
AS50PCBHRA (indoor unit) with 1U50MERFRA (outdoor unit)	1,90kW	8,6A	R32/ 0,78kg	Haier
AS50RCBHRA (indoor unit) with 1U50MERFRA (outdoor unit)	1,90kW	8,6A	R32/ 0,78kg	Haier
AS50RCBHRA-TU (indoor unit) with 1U50MERFRA-TU (outdoor unit)	**1,90kW**	**8,6A**	**R32/ 0,78kg**	Haier

Other aspects:

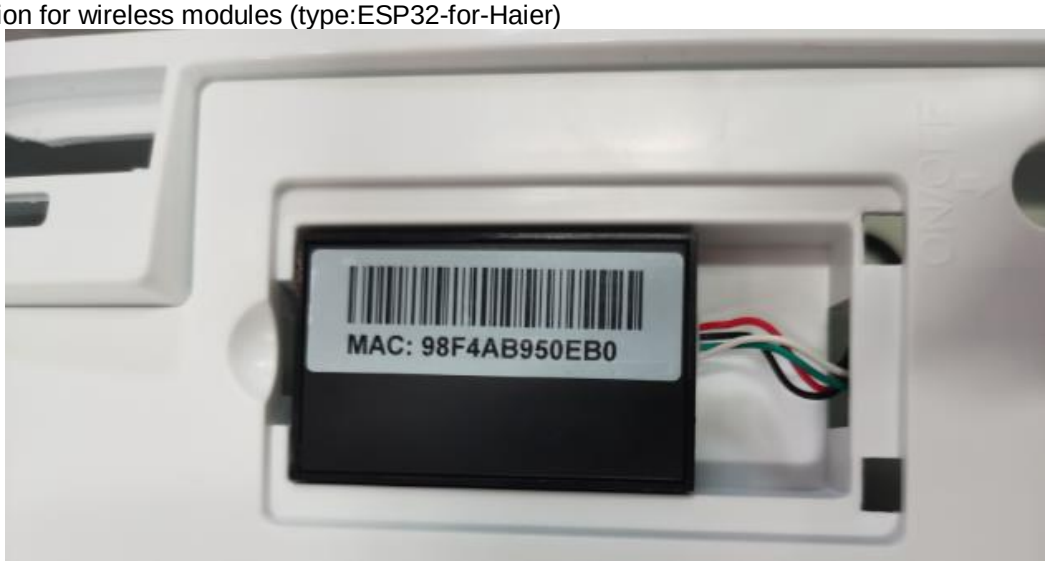
This report is updated report based on history report ABUV-ESH-P21112749B-2-A2 for adding new model, which were marked in "**Bold**" in above model list are similar as original corresponding model AS18PCBHRA(indoor unit) with 1U18MERFRA(outdoor unit) in history report ABUV-ESH-P21112749B-2-A2 except the model name. After evaluation, no necessary test needed. All test results can refer to history report ABUV-ESH-P21112749B-2-A2.

3.2 Picture of the sample

Installation for wireless modules (type: MK-QTWIFI-08 and HEWRQU1)



Installation for wireless modules (type:ESP32-for-Haier)



4 CONCLUSION

The apparatus Split type room air conditioner and models Refer to the Clause 3.1 are in compliance with the requirements of the standards EN 301 489-1 V2.2.3(2019-11) and EN 301 489-17 V3.2.4 (2020-09).

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